FIG. 1

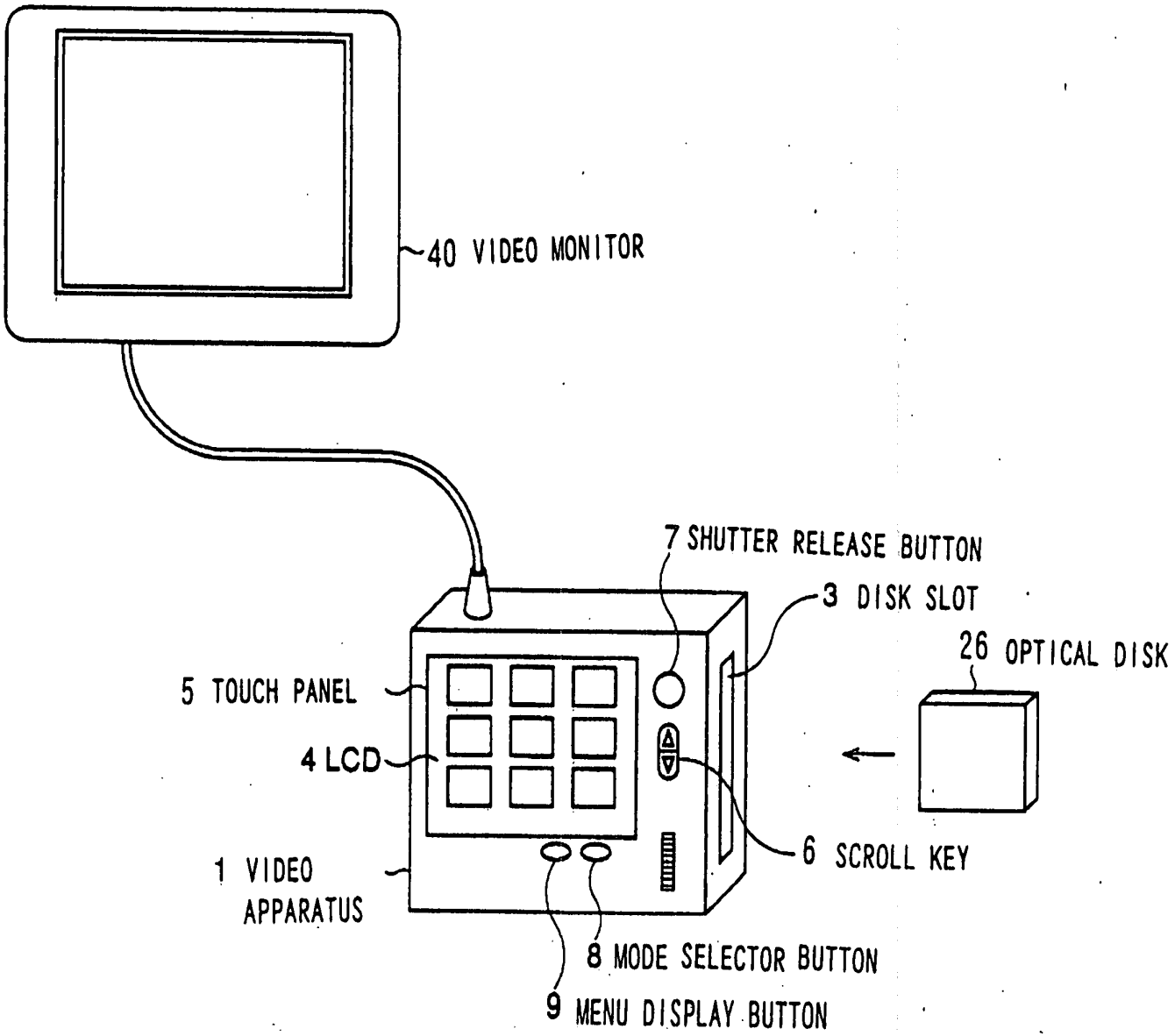
40 VIDEO MONITOR
7 SHUTTER RELEASE BUTTON
3 DISK SLOT
26 OPTICAL DISK
5 TOUCH PANEL
4 LCD
6 SCROLL KEY
1 VIDEO APPARATUS
8 MODE SELECTOR BUTTON
9 MENU DISPLAY BUTTON

FIG. 2

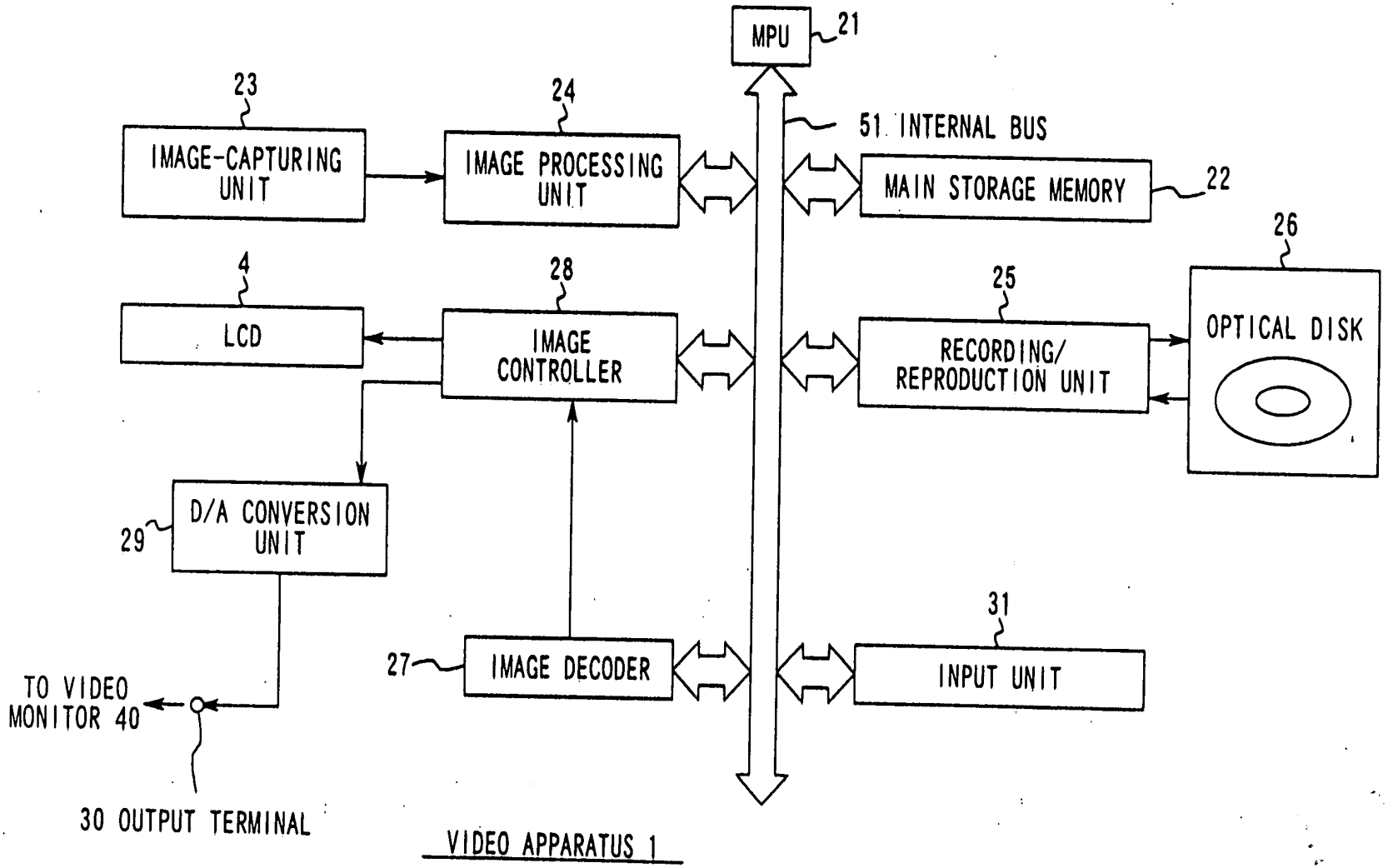
MPU
21
23
24
IMAGE-CAPTURING UNIT
IMAGE PROCESSING UNIT
51 INTERNAL BUS
MAIN STORAGE MEMORY
22
26
4
28
25
LCD
IMAGE CONTROLLER
RECORDING/ REPRODUCTION UNIT
OPTICAL DISK
D/A CONVERSION UNIT
29
31
27
IMAGE DECODER
INPUT UNIT
TO VIDEO MONITOR 40
30 OUTPUT TERMINAL
VIDEO APPARATUS 1

FIG. 3

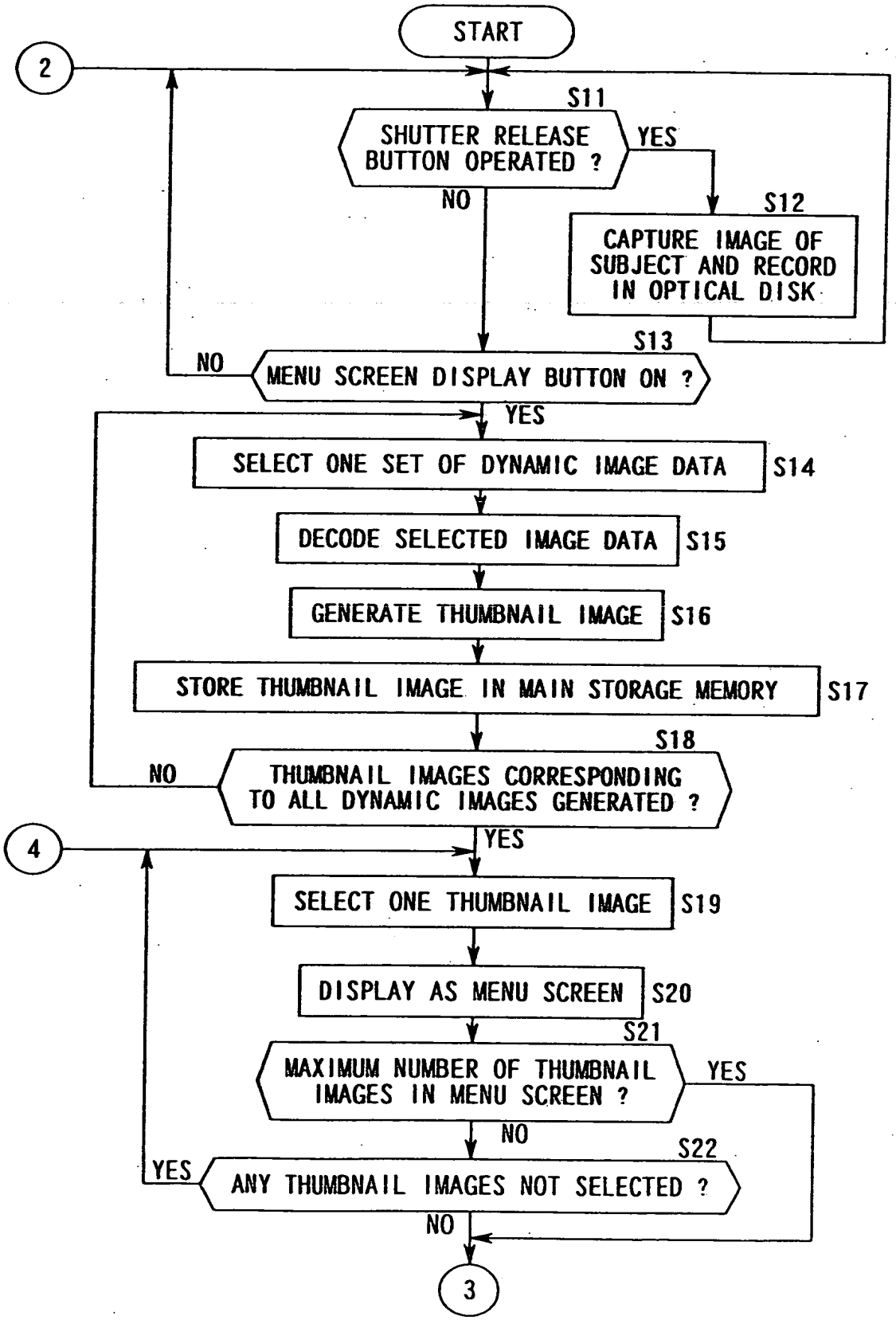
START
2
S11
SHUTTER RELEASE BUTTON OPERATED ?
YES
NO
S12
CAPTURE IMAGE OF SUBJECT AND RECORD IN OPTICAL DISK
S13
NO
MENU SCREEN DISPLAY BUTTON ON ?
YES
SELECT ONE SET OF DYNAMIC IMAGE DATA
S14
DECODE SELECTED IMAGE DATA
S15
GENERATE THUMBNAIL IMAGE
S16
STORE THUMBNAIL IMAGE IN MAIN STORAGE MEMORY
S17
S18
NO
THUMBNAIL IMAGES CORRESPONDING TO ALL DYNAMIC IMAGES GENERATED ?
YES
4
SELECT ONE THUMBNAIL IMAGE
S19
DISPLAY AS MENU SCREEN
S20
S21
MAXIMUM NUMBER OF THUMBNAIL IMAGES IN MENU SCREEN ?
YES
NO
S22
YES
ANY THUMBNAIL IMAGES NOT SELECTED ?
NO
3

FIG. 4

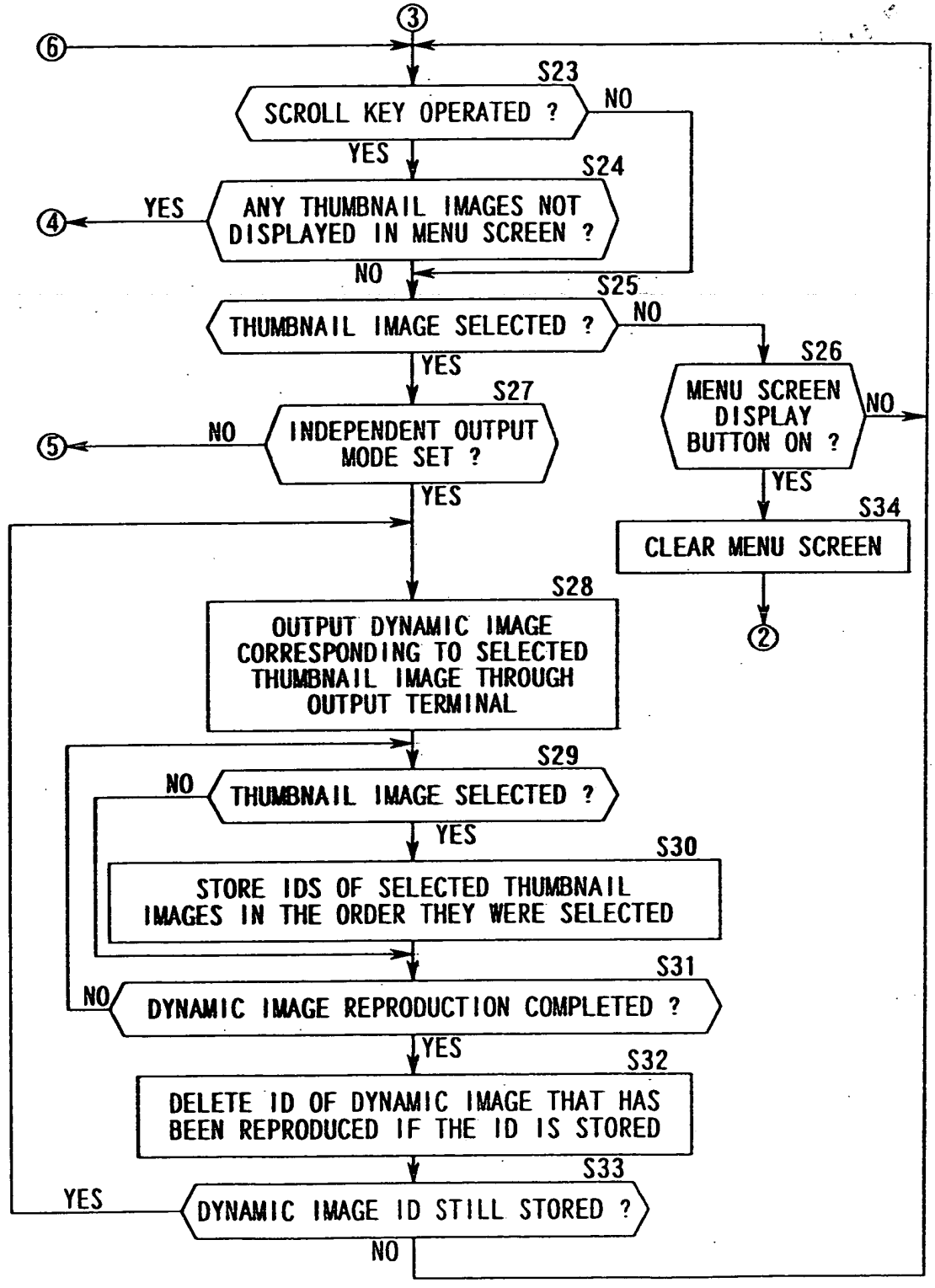
③
⑥
S23
SCROLL KEY OPERATED ?
NO
YES
S24
YES
④
ANY THUMBNAIL IMAGES NOT DISPLAYED IN MENU SCREEN ?
NO
S25
THUMBNAIL IMAGE SELECTED ?
NO
YES
S26
MENU SCREEN DISPLAY BUTTON ON ?
NO
YES
S27
NO
⑤
INDEPENDENT OUTPUT MODE SET ?
YES
S34
CLEAR MENU SCREEN
②
S28
OUTPUT DYNAMIC IMAGE CORRESPONDING TO SELECTED THUMBNAIL IMAGE THROUGH OUTPUT TERMINAL
S29
NO
THUMBNAIL IMAGE SELECTED ?
YES
S30
STORE IDS OF SELECTED THUMBNAIL IMAGES IN THE ORDER THEY WERE SELECTED
S31
NO
DYNAMIC IMAGE REPRODUCTION COMPLETED ?
YES
S32
DELETE ID OF DYNAMIC IMAGE THAT HAS BEEN REPRODUCED IF THE ID IS STORED
S33
YES
DYNAMIC IMAGE ID STILL STORED ?
NO

FIG. 5

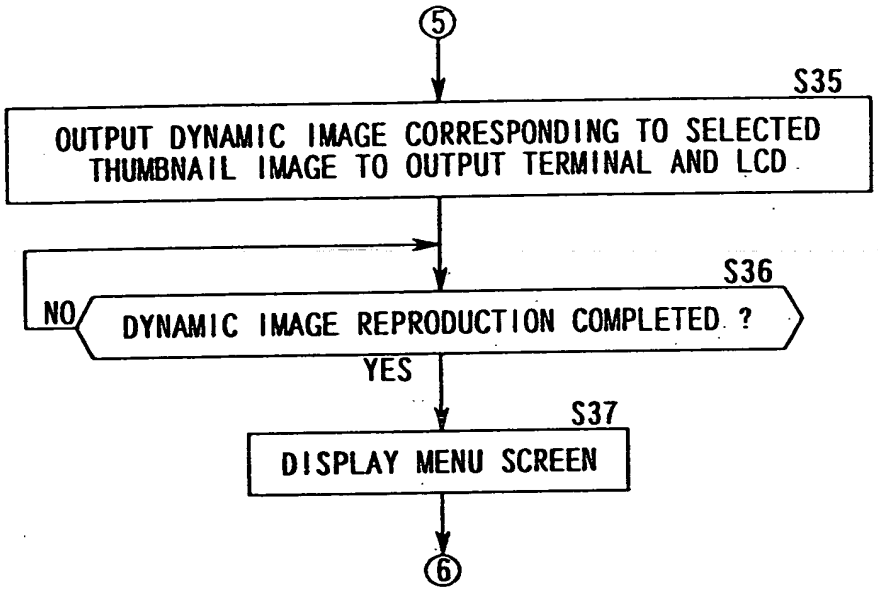
⑤
S35
OUTPUT DYNAMIC IMAGE CORRESPONDING TO SELECTED THUMBNAIL IMAGE TO OUTPUT TERMINAL AND LCD
S36
NO
DYNAMIC IMAGE REPRODUCTION COMPLETED ?
YES
S37
DISPLAY MENU SCREEN
⑥

FIG. 6

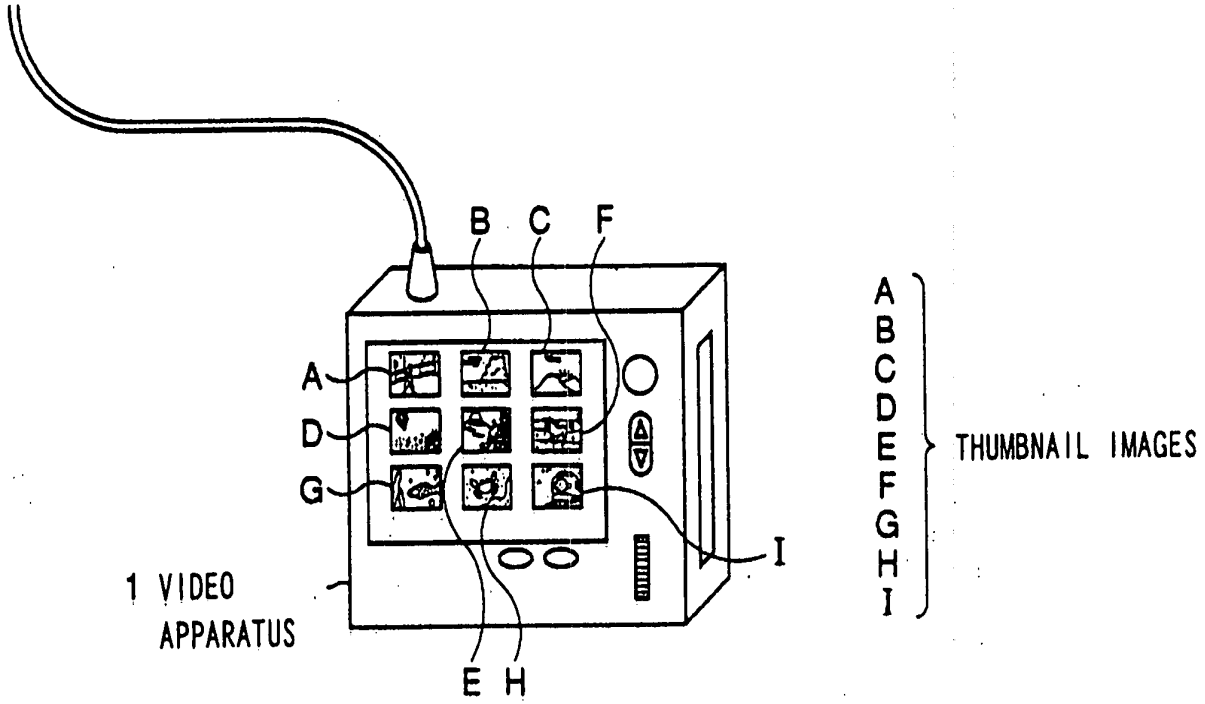

FIG. 7

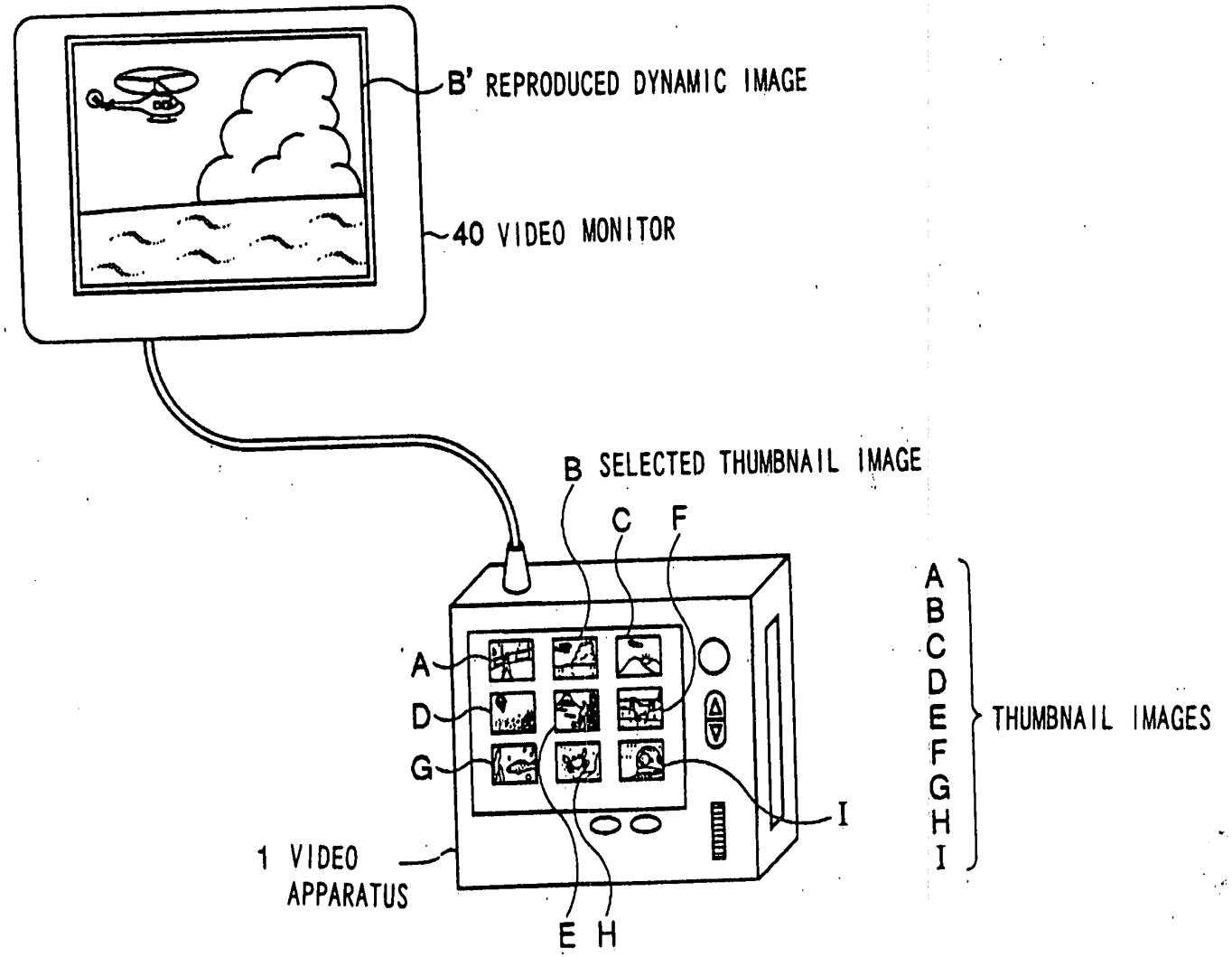
B' REPRODUCED DYNAMIC IMAGE
40 VIDEO MONITOR
B SELECTED THUMBNAIL IMAGE
C F
A
D
G
I
1 VIDEO APPARATUS
E H
A B C D E F G H I
THUMBNAIL IMAGES

FIG. 8

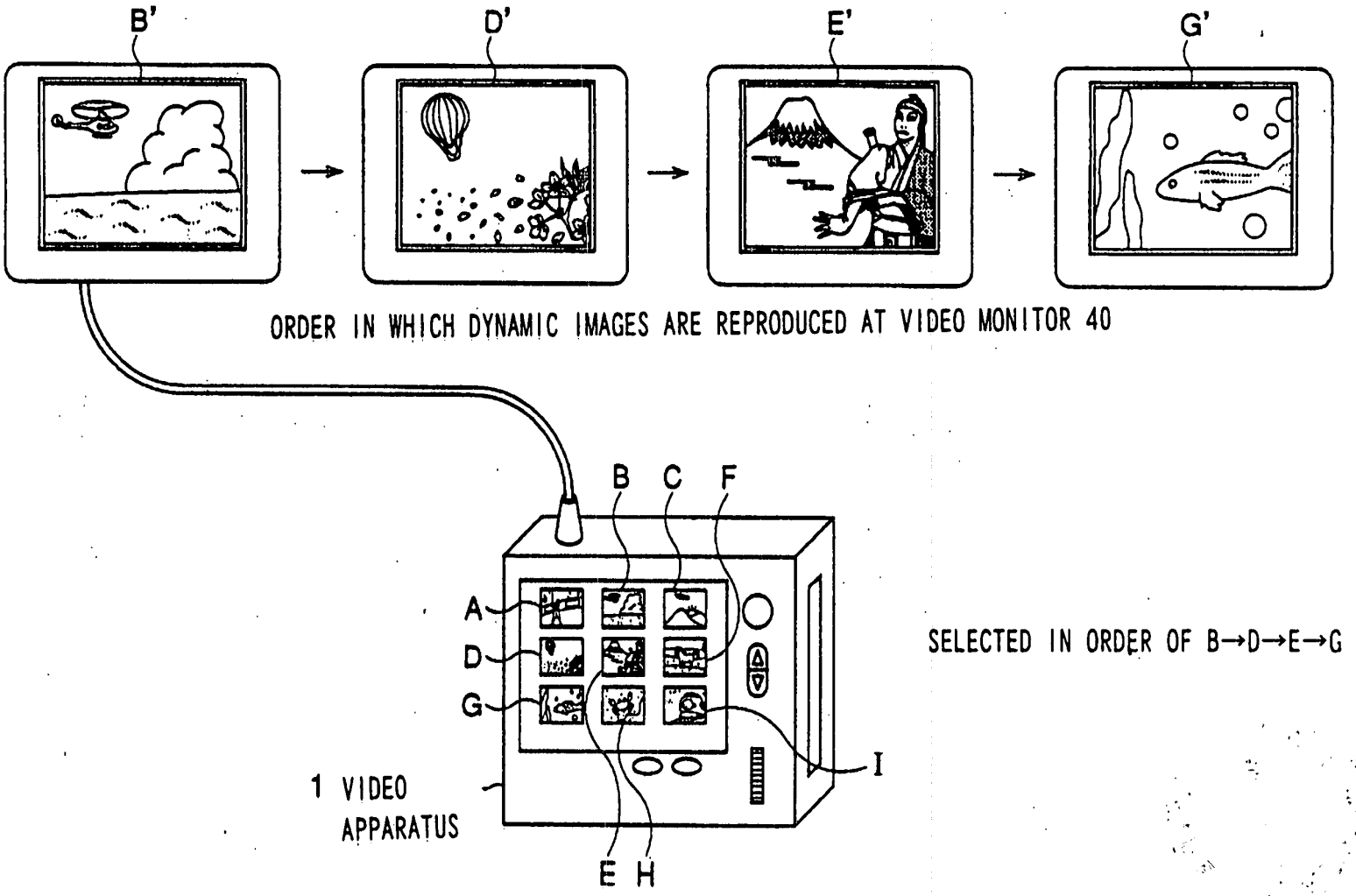
B'
D'
E'
G'
ORDER IN WHICH DYNAMIC IMAGES ARE REPRODUCED AT VIDEO MONITOR 40
B C F
A
D
G
I
1 VIDEO APPARATUS
E H
SELECTED IN ORDER OF B→D→E→G

FIG. 9

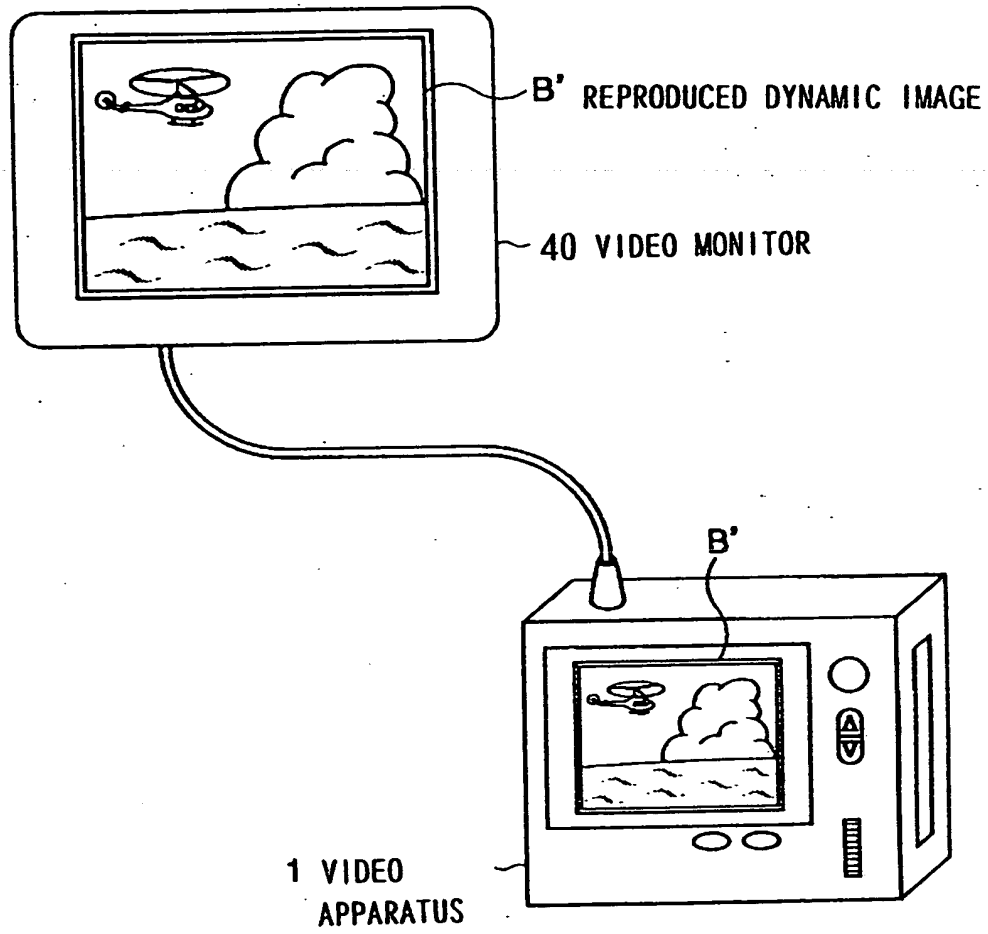
B' REPRODUCED DYNAMIC IMAGE
40 VIDEO MONITOR
B'
1 VIDEO APPARATUS

FIG. 10A

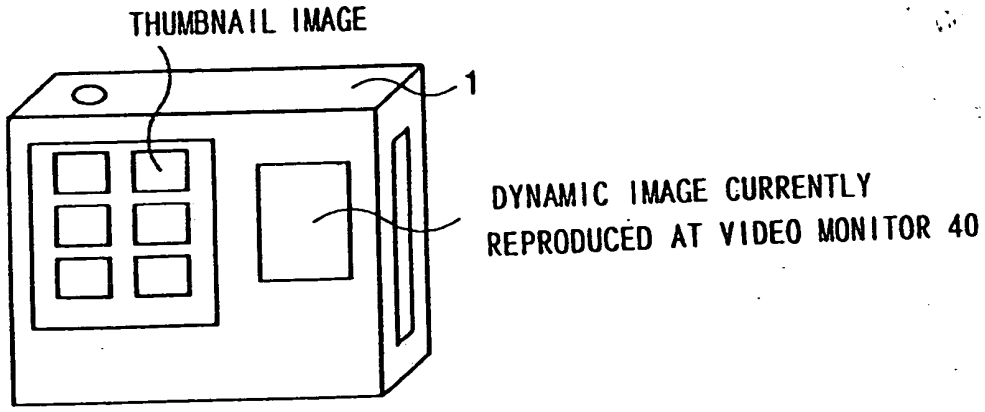

FIG. 10B

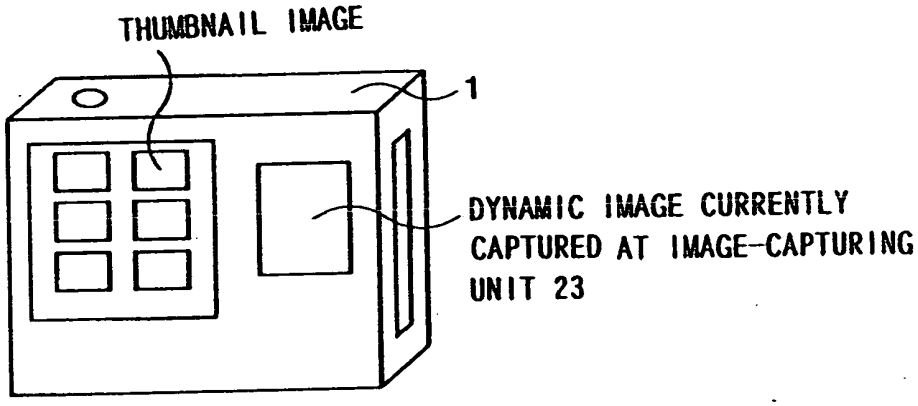

FIG. 10C

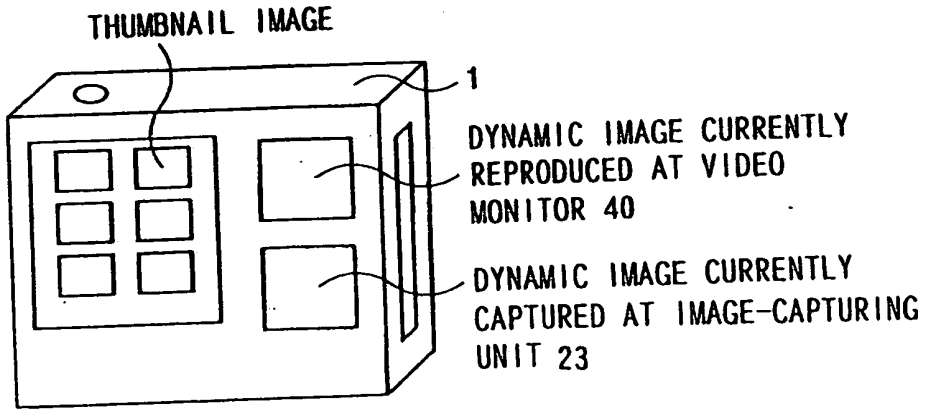

FIG. 11A

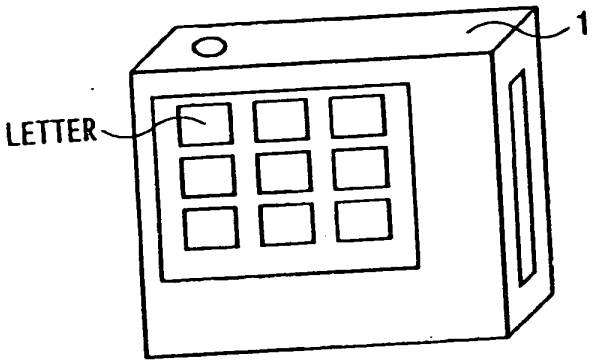

FIG. 11B

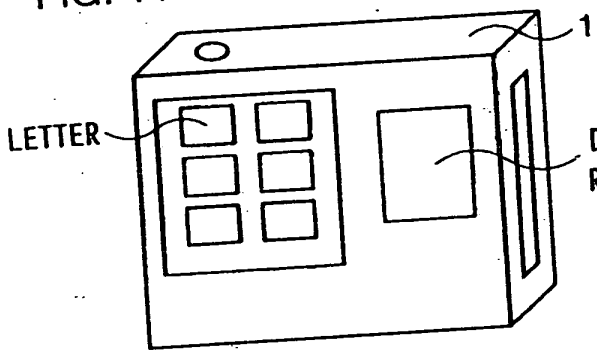

FIG. 11C

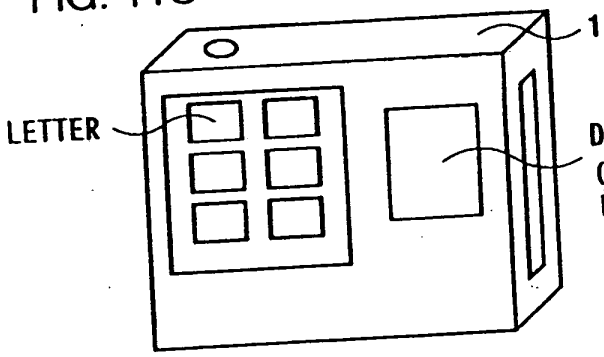

FIG. 11D

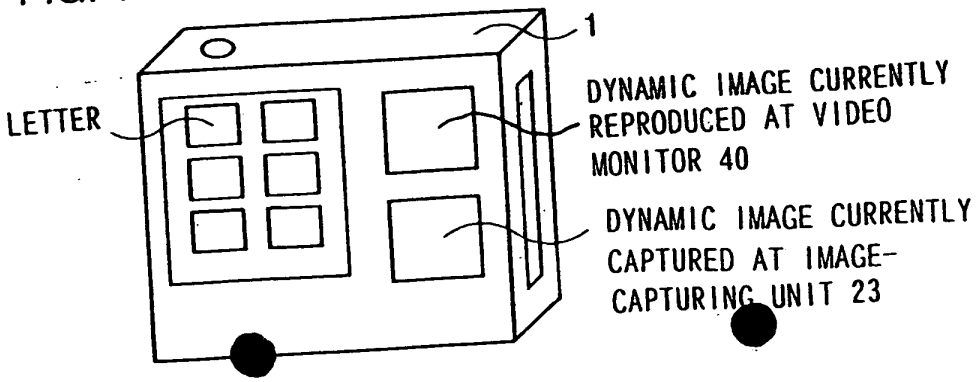
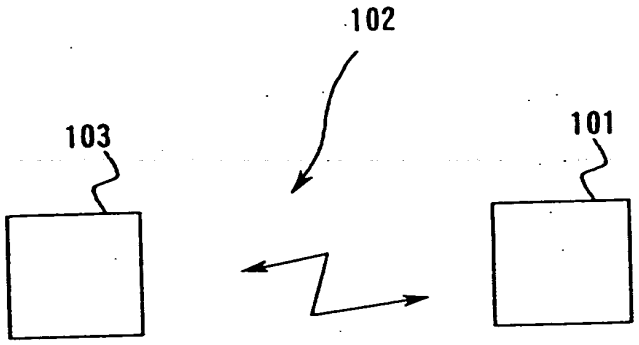
FIG. 12